THE PENDING CLAIMS:

- 1. (Previously Presented) An electrochemical plating apparatus, comprising:
 - a plating cell configured to contain a plating bath below an overflow outlet;
- a substrate support member positioned in the plating cell and configured to selectively contact the plating bath with a substrate secured thereto;
 - a fluid supply line in fluid communication with the plating cell;
 - a selectively actuated check valve positioned in the fluid supply line;
 - an anode in the plating cell; and
- a bleed line in fluid communication with the plating cell at a position in the plating cell between the overflow outlet and the anode.
- 2. (Previously Presented) The electrochemical plating apparatus of claim 1, wherein the bleed line in is positioned in a side wall of the plating cell and is configured to drain a portion of the plating bath.
- 3. (Previously Presented) The electrochemical plating apparatus of claim 2, wherein the bleed line is positioned in the side wall proximate a top portion of an anode positioned in the plating cell.
- 4. (Previously Presented) The electrochemical plating apparatus of claim 3, wherein the bleed line is configured to drain the plating cell, while leaving a sufficient amount of electrolyte in the plating cell to immerse the anode.
- 5. (Previously Presented) The electrochemical plating apparatus of claim 1, wherein the bleed line further comprises a selectively actuated bleed valve.
- 6. (Previously Presented) The electrochemical plating apparatus of claim 1, further comprising a microprocessor-type controller configured to regulate operational characteristics of the electrochemical plating apparatus.

- 7. (Previously Presented) The electrochemical plating apparatus of claim 6, wherein the microprocessor-type controller is configured to close the selectively actuated check valve in the fluid supply line and open the bleed line to drain a portion of the plating cell.
- 8. (Original) The electrochemical plating apparatus of claim 7, wherein the controller is configured to drain a portion of the plating cell during non-processing time periods by opening a selectively actuated bleed valve positioned in the bleed line.

9-27. (Canceled)

- 28. (Previously Presented) An electrochemical plating apparatus, comprising: a plating cell configured to contain a plating bath below an overflow outlet:
- a substrate support member positioned in the plating cell and configured to contact a substrate with the plating bath;
 - a fluid supply line in fluid communication with the plating cell;
 - an anode in the plating cell; and
- a bleed line in fluid communication with the plating cell at a position in the plating cell between the overflow outlet and above the anode.
- 29. (Previously Presented) The electrochemical plating apparatus of claim 28, wherein the bleed line is configured to drain a portion of the plating bath from the plating cell, while leaving a sufficient amount of plating bath in the plating cell to immerse the anode.
- 30. (Previously Presented) The electrochemical plating apparatus of claim 28, further comprising a check valve in the fluid supply line.
- 31. (Previously Presented) The electrochemical plating apparatus of claim 30, wherein the check valve is selectively actuated.

- 32. (Previously Presented) The electrochemical plating apparatus of claim 28, further comprising a valve in the bleed line.
- 33. (Previously Presented) The electrochemical plating apparatus of claim 32, wherein the valve in the bleed line is selectively actuated.
- 34. (Previously Presented) The electrochemical plating apparatus of claim 28, further comprising a microprocessor-type controller configured to regulate operational characteristics of the electrochemical plating apparatus.
- 35. (Previously Presented) The electrochemical plating apparatus of claim 34, further comprising a valve in the fluid supply line, wherein the microprocessor-type controller is configured to close the valve in the fluid supply line and open the bleed line to drain a portion of the plating bath from the plating cell.
- 36. (Previously Presented) The electrochemical plating apparatus of claim 28, wherein the microprocessor-type controller is configured to drain a portion of the plating bath from the plating cell during non-processing time periods by opening a selectively actuated bleed valve positioned in the bleed line.